OPTICAL MODULATOR

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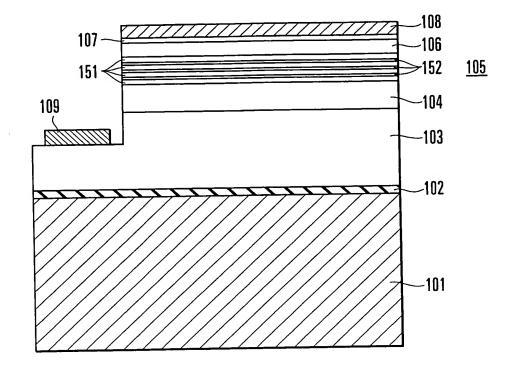


FIG.1A

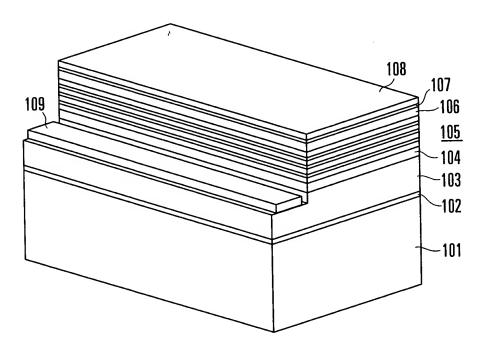


FIG.1B

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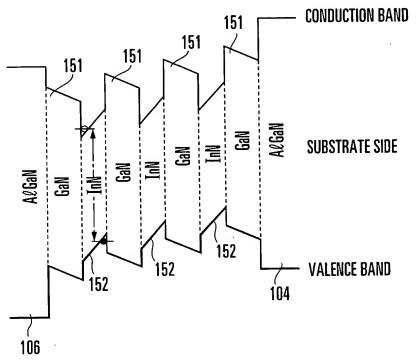


FIG.2A

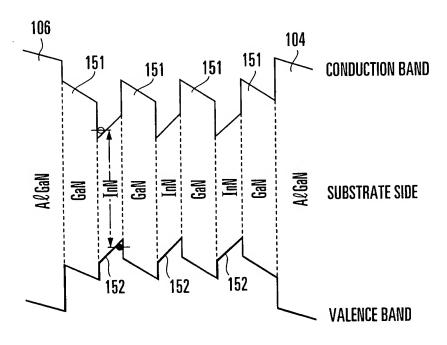


FIG.2B

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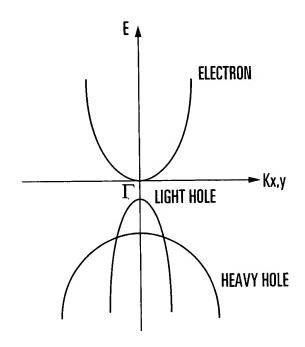


FIG.3A

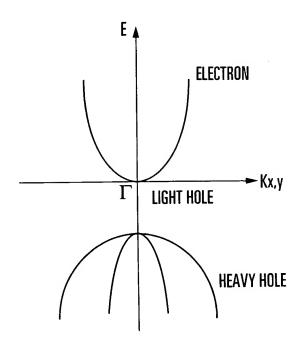
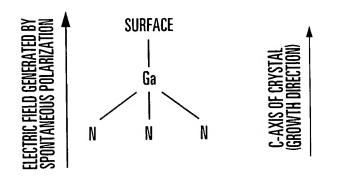


FIG.3B

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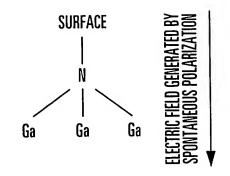
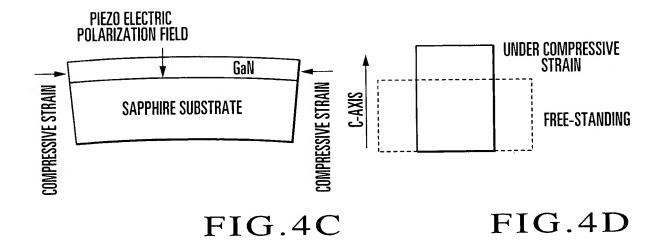
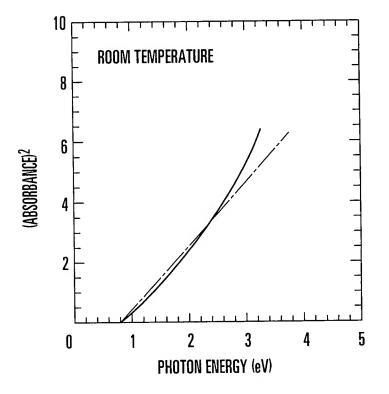


FIG.4A

FIG.4B



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Title: SEMICONDUCTOR OPTICAL MODULATOR AND LASER WITH
OPTICAL MODULATOR
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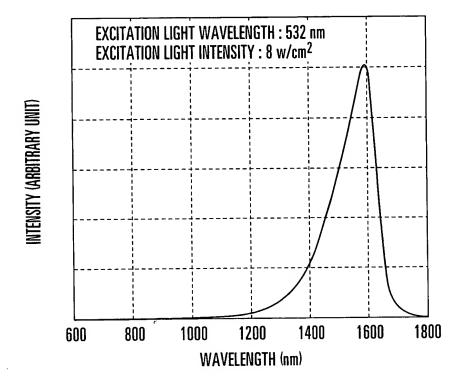
F I G. 5

OPTICAL MODULATOR

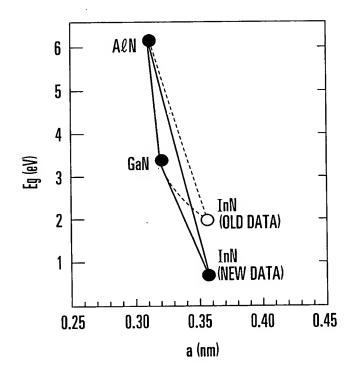
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F I G. 6



F I G. 7

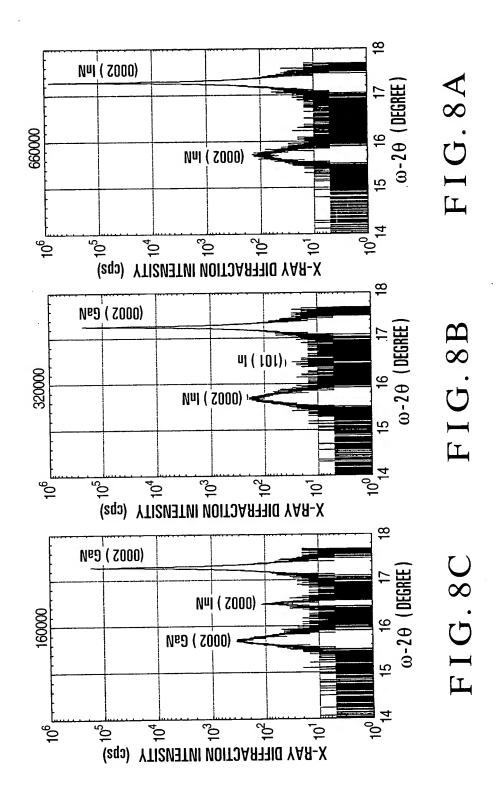
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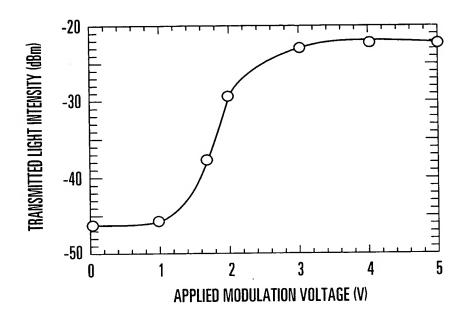


FIG. 9

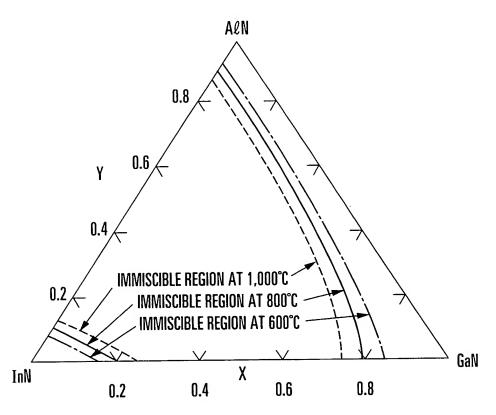


FIG. 10

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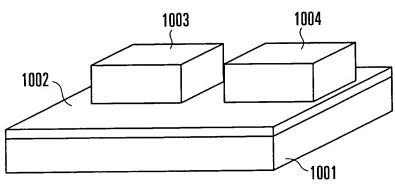


FIG. 11

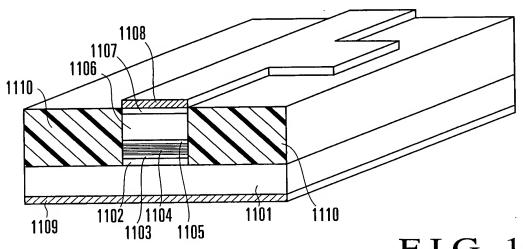


FIG. 12

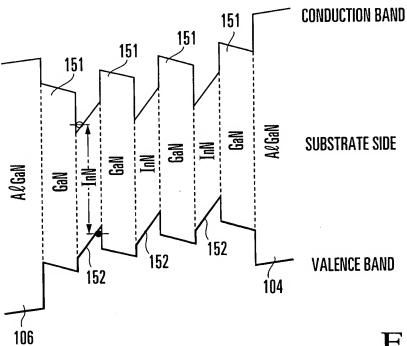


FIG. 13

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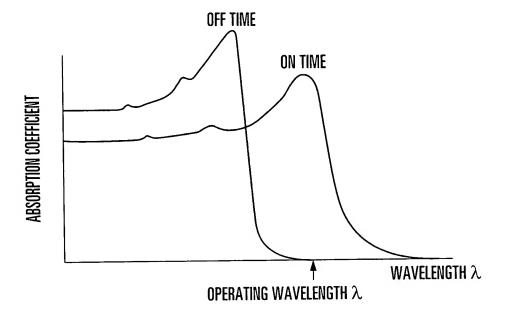


FIG. 14

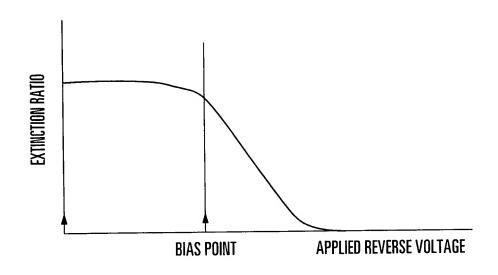


FIG. 15